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CORPORATE The Joint Task Force on Computing Curricula
September 2001 **Journal on Educational Resources in Computing (JEF**
Publisher: ACM Request Permissions
Full text available: Html (2.78 KB), Pdf (613.63 KB) Additional Information: full citatic

Bibliometrics: Downloads (6 Weeks): 110, Downloads (12 Months): 1156, Dov

42 Designing a distributed access control processor for network service
Reiner Kraft
November 2002 **XMLSEC '02:** Proceedings of the 2002 ACM workshop on X
Publisher: ACM Request Permissions
Full text available: Pdf (301.14 KB)   Additional Information: full citation, a

Bibliometrics: Downloads (6 Weeks): 22, Downloads (12 Months): 176, Downl

The service oriented architecture (SOA) is gaining more momentum wit
programmable and machine accessible Web is the vision of many,and m
However, security is ...

Keywords: Web services, XML, access control, security

43 MIL primitives for querying a fragmented world
Peter A. Boncz, Martin L. Kersten
October 1999 **The VLDB Journal — The International Journal on Very**
Publisher: Springer-Verlag New York, Inc.
Full text available: Pdf (261.36 KB)   Additional Information: full citation, a

Bibliometrics: Downloads (6 Weeks): 5, Downloads (12 Months): 34, Downloa

In query-intensive database application areas, like decision support and
fragmentation have a significant performance advantage. In order to su
top of such a fragmented ...

Keywords: Database systems, Main-memory techniques, Query langua

44

Middleware For Building Adaptive Systems Via Configuration

Sanjai Narain, Ravichander Vaidyanathan, Stanley Moyer, William Stephen

August 2001   **LCTES '01:** Proceedings of the ACM SIGPLAN workshop on L systems

Publisher: ACM   Request Permissions

Full text available: Pdf (257.49 KB)   Additional Information: full citation, al

Bibliometrics: Downloads (6 Weeks): 0,   Downloads (12 Months): 24,   Downloa

COTS (commercial off-the-shelf) devices, including middleware compon
algorithms. Very large, adaptive systems can be created by simply integ
algorithms ...

Keywords: CORBA, QoS, configuration, diagnosis, middleware, networ
virtual

Also published in:

| August 2001 | **OM '01:** Proceedings of the 2001 ACM SIGPLAN workshop on Opti distributed systems |
| August 2001 | **SIGPLAN Notices** |

45 DoS and authentication in wireless public access networks

Daniel B. Faria, David R. Cheriton

September 2002   **WiSE '02:** Proceedings of the 1st ACM workshop on Wirele

Publisher: ACM   Request Permissions

Full text available: Pdf (272.24 KB)   Additional Information: full citation, al

Bibliometrics: Downloads (6 Weeks): 15,   Downloads (12 Months): 126,   Downl

As WEP has been shown to be vulnerable to multiple attacks, a huge eff
mechanism to be used in wireless installations. However, properties of t
perform multiple ...

Keywords: DoS, security, wireless networks

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1 Defending against redirect attacks in mobile IP
Robert H. Deng, Jianying Zhou, Feng Bao
November 2002 **CCS '02:** Proceedings of the 9th ACM conference on Compu
Publisher: ACM ◈ Request Permissions
Full text available: 📄 Pdf (266.04 KB)   Additional Information: full citation, abstra

Bibliometrics: Downloads (6 Weeks): 14,   Downloads (12 Months): 101,   Downl

The route optimization operation in Mobile IP Version 6 (MIPv6) allows (
node to any mobile node and thus eliminates the problem of "triangle rc
Version 4 (MIPv4) protocol. Route ...

Keywords: authenticated key-exchange, mobile IP, mobile IP security,

2 SOS: secure overlay services
Angelos D. Keromytis, Vishal Misra, Dan Rubenstein
August 2002 **SIGCOMM '02:** Proceedings of the 2002 conference on Applic
           protocols for computer communications
Publisher: ACM ◈ Request Permissions
Full text available: 📄 Pdf (210.90 KB)   Additional Information: full citation, abstra

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Denial of service (DoS) attacks continue to threaten the reliability of ne
for protecting networks from DoS attacks are reactive in that they wait
taking appropriate measures to ...

Keywords: denial of service attacks, network security, overlay network

Also published in:
   October 2002 **SIGCOMM Computer Communication Review** Volume 32 Issue

3 Dealing with server corruption in weakly consistent replicated data s\
Mike J. Spreitzer, Marvin M. Theimer, Karin Petersen, Alan J. Demers, Doug

October 1999 **Wireless Networks** , Volume 5 Issue 5
Publisher: Kluwer Academic Publishers
Full text available: Pdf (180.10 KB)　　　　Additional Information: full citation, refere

Bibliometrics: Downloads (6 Weeks): 2, Downloads (12 Months): 18, Downloa

4 Composable collaboration infrastructures based on programming pa
Vassil Roussev, Prasun Dewan, Vibhor Jain
December 2000 **CSCW '00:** Proceedings of the 2000 ACM conference on Co
Publisher: ACM Request Permissions
Full text available: Pdf (184.80 KB)　　　　Additional Information: full citation, abstra

Bibliometrics: Downloads (6 Weeks): 3, Downloads (12 Months): 21, Downloa

　　In general, collaboration infrastructures have supported sharing of an o
　　However, current implementations assume an implicit binding between
　　system-defined abstractions. We present ...

5 Security enhanced mobile agents
Vijay Varadharajan
November 2000 **CCS '00:** Proceedings of the 7th ACM conference on Compu
Publisher: ACM Request Permissions
Full text available: Pdf (393.46 KB)　　　　Additional Information: full citation, refere

Bibliometrics: Downloads (6 Weeks): 9, Downloads (12 Months): 77, Downloa

　　Keywords: mobile agents, secure agent based application, security mo

6 Informed content delivery across adaptive overlay networks
John Byers, Jeffrey Considine, Michael Mitzenmacher, Stanislav Rost
August 2002 **SIGCOMM '02:** Proceedings of the 2002 conference on Applic
　　　　　　　　protocols for computer communications
Publisher: ACM Request Permissions
Full text available: Pdf (245.12 KB)　　　　Additional Information: full citation, abstra

Bibliometrics: Downloads (6 Weeks): 2, Downloads (12 Months): 46, Downloa

　　Overlay networks have emerged as a powerful and highly flexible metho
　　to optimize throughput of large transfers across richly connected, adapt
　　potential of collaborative transfers ...

　　Keywords: Bloom filter, collaboration, content delivery, digital fountain
　　summary, overlay, peer-to-peer, reconciliation

Also published in:
　　October 2002 **SIGCOMM Computer Communication Review** Volume 32 Issue

7 The utilization of artificial intelligence in a hybrid intrusion detection s
Martin Botha, Rossouw von Solms, Kent Perry, Edwin Loubser, George Yam
September 2002 **SAICSIT '02:** Proceedings of the 2002 annual research co
　　　　　　　　computer scientists and information technologists on Enab
Publisher: South African Institute for Computer Scientists and Information Techno
Full text available: Pdf (161.05 KB)　　　　Additional Information: full citation, abstra

Bibliometrics: Downloads (6 Weeks): 11,   Downloads (12 Months): 99,   Downlo

Computer security, and intrusion detection in particular, have become in
environment, to ensure safe and trusted commerce between business p
functioning. Various approaches ...

Keywords: fuzzy logic, intrusion detection, intrusion detection systems

8 Language-specific make technology for the Java programming langu
Mikhail Dmitriev
November 2002   **OOPSLA '02:** Proceedings of the 17th ACM SIGPLAN confe
systems, languages, and applications
Publisher: ACM Request Permissions
Full text available: Pdf (238.19 KB)   Additional Information: full citation, abstra

Bibliometrics: Downloads (6 Weeks): 13,   Downloads (12 Months): 59,   Downlo

Keeping the code of a Java application consistent (code is consistent if a
recompiled together without errors) prevents late linking errors, and the
turnaround time. In this paper ...

Keywords: Java, dependency checking, development turnaround time,

Also published in:
November 2002 **SIGPLAN Notices** Volume 37 Issue 11

9 Transformations for model checking distributed Java programs
Scott D. Stoller, Yanhong A. Liu
May 2001   **SPIN '01:** Proceedings of the 8th international SPIN workshop
Publisher: Springer-Verlag New York, Inc.
Full text available: Pdf (108.43 KB)   Additional Information: full citation, abstra

Bibliometrics: Downloads (6 Weeks): 4,   Downloads (12 Months): 14,   Downloa

This paper describes three program transformations that extend the sco
to include distributed programs, *i.e.*, multi-process programs. The trans
into a single process, replace ...

10 The design of a robust peer-to-peer system
Rodrigo Rodrigues, Barbara Liskov, Liuba Shrira
July 2002   **EW10:** Proceedings of the 10th workshop on ACM SIGOPS Eu
Publisher: ACM
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Bibliometrics: Downloads (6 Weeks): 8,   Downloads (12 Months): 63,   Downloa

Peer-to-peer (P2P) overlay networks have recently become one of the h
networks bring with them the promise of harnessing idle storage and ne
that voluntarily join the system; self-configuration ...

11 Deferring trust in fluid replication
Brian D. Noble, Ben Fleis, Landon P. Cox

September 2000 **EW 9:** Proceedings of the 9th workshop on ACM SIGOPS E challenges for the operating system
Publisher: ACM
Full text available: Pdf (94.01 KB)   Additional Information: full citation, abstra

Bibliometrics: Downloads (6 Weeks): 1, Downloads (12 Months): 11,   Downloa

Mobile nodes rely on external services to provide safety, sharing, and a(mobile nodes move through the networking infrastructure, the costs of replication allows mobile clients to ...

12 An architecture for secure wide-area service discovery
Todd D. Hodes, Steven E. Czerwinski, Ben Y. Zhao, Anthony D. Joseph, Ra
March 2002 **Wireless Networks** , Volume 8 Issue 2/3
Publisher: Kluwer Academic Publishers
Full text available: Pdf (365.68 KB)   Additional Information: full citation, abstra

Bibliometrics: Downloads (6 Weeks): 9, Downloads (12 Months): 57,   Downloa

The widespread deployment of inexpensive communications technology networking infrastructure, and network-enabled end devices poses an ir locate a particular network service or device ...

Keywords: location services, name lookup, network protocols, service

13 The SecureRing group communication system
Kim Potter Kihlstrom, L. E. Moser, P. M. Melliar-Smith
November 2001 **Transactions on Information and System Security (TI**
Publisher: ACM Request Permissions
Full text available: Pdf (1.03 MB)   Additional Information: full citation, abstra

Bibliometrics: Downloads (6 Weeks): 4, Downloads (12 Months): 55,   Downloa

Secure reliable group communication protocols can facilitate the develoj that are able to remain correct and reliable despite intrusions that caus(malicious manner. However, ...

Keywords: Byzantine faults, group communication, intrusion, partial s) survivability

14 Towards a taxonomy of software connectors
Nikunj R. Mehta, Nenad Medvidovic, Sandeep Phadke
June 2000   **ICSE '00:** Proceedings of the 22nd international conference oi
Publisher: ACM
Full text available: Pdf (184.27 KB)   Additional Information: full citation, abstra

Bibliometrics: Downloads (6 Weeks): 28, Downloads (12 Months): 191,   Downl

Software systems of today are frequently composed from prefabricated, complex functionality and engage in complex interactions. Existing rese has mostly focused on component structure, ...

Keywords: classification, software architecture, software connector, ta

15 A secure multicast protocol with copyright protection

Hao-hua Chu, Lintian Qiao, Klara Nahrstedt, Hua Wang, Ritesh Jain

April 2002   **SIGCOMM Computer Communication Review** , Volume 32 Iss

Publisher: ACM

Full text available: Pdf (301.97 KB)   Additional Information: full citation, abstra

Bibliometrics: Downloads (6 Weeks): 9, Downloads (12 Months): 108, Downlo

We present a simple, efficient, and secure multicast protocol with copyr
network environment. There is a wide variety of multimedia application:
multicast protocol, e.g., the ...

Keywords: copyright protection, key distribution, multicast security, w

16 Unlinkable serial transactions: protocols and applications

Stuart G. Stubblebine, Paul F. Syverson, David M. Goldschlag

November 1999 **Transactions on Information and System Security (TI**

Publisher: ACM   Request Permissions

Full text available: Pdf (184.87 KB)   Additional Information: full citation, abstra

Bibliometrics: Downloads (6 Weeks): 6, Downloads (12 Months): 67, Downloa

We present a protocol for unlinkable serial transactions suitable for a va
services. It is the first protocol to use cryptographic blinding to enable s
prevents the service from tracking ...

Keywords: anoymity, blinding, cryptographic protocols, unlinkable seri

17 A survey of rollback-recovery protocols in message-passing systems

E. N. (Mootaz) Elnozahy, Lorenzo Alvisi, Yi-Min Wang, David B. Johnson

September 2002 **Computing Surveys (CSUR)** , Volume 34 Issue 3

Publisher: ACM   Request Permissions

Full text available: Pdf (549.68 KB)   Additional Information: full citation, abstra

Bibliometrics: Downloads (6 Weeks): 58, Downloads (12 Months): 543, Downl

This survey covers rollback-recovery techniques that do not require spe
of the survey we classify rollback-recovery protocols into *checkpoint-ba*
protocols ...

Keywords: message logging, rollback-recovery

18 ObjectGlobe: Ubiquitous query processing on the Internet

R. Braumandl, M. Keidl, A. Kemper, D. Kossmann, A. Kreutz, S. Seltzsam,

August 2001 **The VLDB Journal — The International Journal on Very L**

Publisher: Springer-Verlag New York, Inc.

Full text available: Pdf (251.44 KB)   Additional Information: full citation, abstra

Bibliometrics: Downloads (6 Weeks): 9,   Downloads (12 Months): 65,   Downloa

We present the design of ObjectGlobe, a distributed and open query pro
data is published on the Internet via Web servers which have, if at all, v
capabilities. The goal of the ObjectGlobe ...

Keywords: Cycle-, function- and data provider, Distributed query proce
service, Query optimization, Security

19 A security model for distributed computing
Iliya K. Georgiev, Ivo I. Georgiev
October 2001 **Journal of Computing Sciences in Colleges** , Volume 17 Issue
Publisher: Consortium for Computing Sciences in Colleges
Full text available: Pdf (47.43 KB)   Additional Information: full citation, abstra

Bibliometrics: Downloads (6 Weeks): 14,   Downloads (12 Months): 107,   Downl

This paper presents a multi-tier model for secure computing as a teachi
is based on establishing the trustworthiness and role of each componen
environment: trusted users, trusted servers, ...

20 Practical byzantine fault tolerance and proactive recovery
Miguel Castro, Barbara Liskov
November 2002 **Transactions on Computer Systems (TOCS)** , Volume 20 I
Publisher: ACM Request Permissions
Full text available: Pdf (1.63 MB)   Additional Information: full citation, abstra

Bibliometrics: Downloads (6 Weeks): 30,   Downloads (12 Months): 365,   Downl

Our growing reliance on online services accessible on the Internet dema
provide correct service without interruptions. Software bugs, operator n
major cause of service interruptions ...

Keywords: Byzantine fault tolerance, asynchronous systems, proactive
state transfer

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21 Tangler: a censorship-resistant publishing system based on docume
Marc Waldman, David Mazieres
November 2001 **CCS '01:** Proceedings of the 8th ACM conference on Compu
Publisher: ACM Request Permissions
Full text available: Pdf (149.02 KB)   Additional Information: full citation, abs

Bibliometrics: Downloads (6 Weeks): 8, Downloads (12 Months): 60, Downloa

We describe the design of a censorship-resistant system that employs a
published documents are dependent on the blocks of previously publish
entanglement. Entanglement ...

22 Trust and traceability in electronic commerce
Dennis D. Steinauer, Shukri A. Wakid, Stanley Rasberry
September 1997 **StandardView** , Volume 5 Issue 3
Publisher: ACM Request Permissions
Full text available: Pdf (46.16 KB)   Additional Information: full citation, ref

Bibliometrics: Downloads (6 Weeks): 11, Downloads (12 Months): 63, Downlo

23 COCA: A secure distributed online certification authority
Lidong Zhou, Fred B. Schneider, Robbert Van Renesse
November 2002 **Transactions on Computer Systems (TOCS)** , Volume 20 I
Publisher: ACM Request Permissions
Full text available: Pdf (448.28 KB)   Additional Information: full citation, abs

Bibliometrics: Downloads (6 Weeks): 12, Downloads (12 Months): 126, Downl

COCA is a fault-tolerant and secure online certification authority that ha
network and in the Internet. Extremely weak assumptions characterize
execute correctly: no ...

Keywords: Byzantine quorum systems, Certification authority, denial o
infrastructure, threshold cryptography

24
On-the-fly web content integrity check boosts users' confidence

Soroush Sedaghat, Josef Pieprzyk, Ehsan Vossough
November 2002 **Communications of the ACM** , Volume 45 Issue 11
Publisher: ACM ⬥ Request Permissions
Full text available: Html (25.45 KB), Pdf (182.67 KB) Additional Information: full citat

Bibliometrics: Downloads (6 Weeks): 18, Downloads (12 Months): 80, Downlo

Malicious attacks on Web servers by intruders and hackers are prime co
sites, as well as users who access them.

25 Law-governed interaction: a coordination and control mechanism for
Naftaly H. Minsky, Victoria Ungureanu
July 2000 **Transactions on Software Engineering and Methodolog**
Publisher: ACM ⬥ Request Permissions
Full text available: Pdf (792.05 KB) Additional Information: full citation, abs

Bibliometrics: Downloads (6 Weeks): 9, Downloads (12 Months): 66, Downloa

Software technology is undergoing a transition form monolithic systems
design, into conglomerates of semiautonomous, heterogeneous, and inc
and managed by different ...

Keywords: coordination of heterogeneous agents, policy enforcement,

26 Public-key cryptography and password protocols
Shai Halevi, Hugo Krawczyk
August 1999 **Transactions on Information and System Security (TIS**
Publisher: ACM ⬥ Request Permissions
Full text available: Pdf (275.84 KB) Additional Information: full citation, abs

Bibliometrics: Downloads (6 Weeks): 43, Downloads (12 Months): 345, Downl

We study protocols for strong authentication and key exchange in asym
server possesses ~ a pair of private and public keys while the client has
its authentication key. ...

Keywords: dictionary attacks, hand-held certificates, key exchange, pa
protocols

27 Specification-based anomaly detection: a new approach for detectin
R. Sekar, A. Gupta, J. Frullo, T. Shanbhag, A. Tiwari, H. Yang, S. Zhou
November 2002 **CCS '02:** Proceedings of the 9th ACM conference on Compu
Publisher: ACM ⬥ Request Permissions
Full text available: Pdf (127.45 KB) Additional Information: full citation, abs

Bibliometrics: Downloads (6 Weeks): 25, Downloads (12 Months): 202, Downl

Unlike signature or misuse based intrusion detection techniques, anoma
attacks. However, the use of anomaly detection in practice is hampered
based techniques have ...

Keywords: anomaly detection, intrusion detection, network monitoring

28 On secure and pseudonymous client-relationships with multiple serv

Eran Gabber, Phillip B. Gibbons, David M. Kristol, Yossi Matias, Alain Mayer

November 1999 **Transactions on Information and System Security (TI**

Publisher: ACM Request Permissions

Full text available: Pdf (161.56 KB)   Additional Information: full citation, abs

Bibliometrics: Downloads (6 Weeks): 6, Downloads (12 Months): 50, Downloa

This paper introduces a cryptographic engine, Janus, which assists clien pseudonymous relationships with multiple servers. The setting is such tl corporate intranet, ...

Keywords: Janus function, anonymity, mailbox, persistent relationship

29 OceanStore: an architecture for global-scale persistent storage

John Kubiatowicz, David Bindel, Yan Chen, Steven Czerwinski, Patrick Eato Rhea, Hakim Weatherspoon, Chris Wells, Ben Zhao

December 2000 **ASPLOS-IX:** Proceedings of the ninth international confere languages and operating systems

Publisher: ACM Request Permissions

Full text available: Pdf (166.53 KB)   Additional Information: full citation, abs

Bibliometrics: Downloads (6 Weeks): 25, Downloads (12 Months): 258, Downl

OceanStore is a utility infrastructure designed to span the globe and prc information. Since this infrastructure is comprised of untrusted servers, cryptographic techniques. ...

Also published in:
December 2000 **SIGARCH Computer Architecture News** Volume 28 Issue 5
December 2000 **SIGOPS Operating Systems Review**   Volume 34 Issue 5

30 Efficient, DoS-resistant, secure key exchange for internet protocols

William Aiello, Steven M. Bellovin, Matt Blaze, John Ioannidis, Omer Reingc

November 2002 **CCS '02:** Proceedings of the 9th ACM conference on Compu

Publisher: ACM Request Permissions

Full text available: Pdf (118.52 KB)   Additional Information: full citation, abs

Bibliometrics: Downloads (6 Weeks): 7, Downloads (12 Months): 73, Downloa

We describe JFK, a new key exchange protocol, primarily designed for u efficient, and secure; we sketch a proof of the latter property. JFK also l that permit ...

Keywords: cryptography, denial of service attacks

31 Secure program partitioning

Steve Zdancewic, Lantian Zheng, Nathaniel Nystrom, Andrew C. Myers

August 2002 **Transactions on Computer Systems (TOCS)** , Volume 20 Issi

Publisher: ACM ◆ Request Permissions

Full text available: Pdf (497.12 KB)   Additional Information: full citation, abs

Bibliometrics: Downloads (6 Weeks): 20,   Downloads (12 Months): 96,   Downlo

This paper presents secure program partitioning, a language-based tech
computation in distributed systems containing mutually untrusted hosts
expressed by annotating ...

Keywords: Confidentiality, declassification, distributed systems, downg
security policies, type systems

32 Securing the global, remote, mobile user
Walt Curtis, Lori Sinton
March 1999   **International Journal of Network Management** , Volume 9
Publisher: John Wiley & Sons, Inc.
Full text available: Pdf (982.14 KB)   Additional Information: full citation, abs

Bibliometrics: Downloads (6 Weeks): 1,   Downloads (12 Months): 4,   Download

Electronic commerce is inevitable and will reshape our lives, but before
realized, it will be necessary to secure your enterprise against outside a
controls ...

33 The architecture and performance of security protocols in the ensem
diamonds to guard the castle
August 2001   **Transactions on Information and System Security (TIS!**
Publisher: ACM ◆ Request Permissions
Full text available: Pdf (418.73 KB)   Additional Information: full citation, abs

Bibliometrics: Downloads (6 Weeks): 9,   Downloads (12 Months): 79,   Downloa

Ensemble is a Group Communication System built at Cornell and the He
process groups within which scalable reliable fifo-ordered multicast and
The system ...

Keywords: Group communication, security

34 OceanStore: an architecture for global-scale persistent storage
John Kubiatowicz, David Bindel, Yan Chen, Steven Czerwinski, Patrick Eato
Rhea, Hakim Weatherspoon, Westley Weimer, Chris Wells, Ben Zhao
November 2000 **SIGPLAN Notices** , Volume 35 Issue 11
Publisher: ACM
Full text available: Pdf (1.47 MB)   Additional Information: full citation, abs

Bibliometrics: Downloads (6 Weeks): 4,   Downloads (12 Months): 65,   Downloa

OceanStore is a utility infrastructure designed to span the globe and pro
information. Since this infrastructure is comprised of untrusted servers,
cryptographic techniques. ...

35
Parametric polymorphism in Java: an approach to translation based

Mirko Viroli, Antonio Natali
October 2000 **OOPSLA '00:** Proceedings of the 15th ACM SIGPLAN confere
languages, and applications
Publisher: ACM Request Permissions
Full text available: Pdf (277.16 KB)   Additional Information: full citation, abs

Bibliometrics: Downloads (6 Weeks): 13,   Downloads (12 Months): 53,   Downlo

The introduction of parametric polymorphism in Java with translation ap
interest, allowing the definition of extensions of Java on top of the exist
furthermore, ...

Also published in:
October 2000 **SIGPLAN Notices** Volume 35 Issue 10

36 Using GSM to enhance e-commerce security
Vorapranee Khu-smith, Chris J. Mitchell
September 2002 **WMC '02:** Proceedings of the 2nd international workshop
Publisher: ACM
Full text available: Pdf (177.48 KB)   Additional Information: full citation, abs

Bibliometrics: Downloads (6 Weeks): 25,   Downloads (12 Months): 225,   Downl

Today, an e-commerce transaction is typically protected using SSL/TLS(
use of SSL/TLS@. These include that of information being stored in clea
and lack of user authentication. ...

Keywords: E-commerce security, GSM security, mobile or Internet pay

37 Summary cache: a scalable wide-area web cache sharing protocol
Li Fan, Pei Cao, Jussara Almeida, Andrei Z. Broder
June 2000   **IEEE/ACM Transactions on Networking (TON)** , Volume 8 Is
Publisher: IEEE Press
Full text available: Pdf (220.29 KB)   Additional Information: full citation, referen

Bibliometrics: Downloads (6 Weeks): 20,   Downloads (12 Months): 189,   Downl

Keywords: ICP, Web cache, Web proxy, bloom filter, cache sharing

38 A reputation-based approach for choosing reliable resources in peer
Ernesto Damiani, De Capitani di Vimercati, Stefano Paraboschi, Pierangela
November 2002 **CCS '02:** Proceedings of the 9th ACM conference on Compu
Publisher: ACM Request Permissions
Full text available: Pdf (650.19 KB)   Additional Information: full citation, abs

Bibliometrics: Downloads (6 Weeks): 25,   Downloads (12 Months): 294,   Downl

Peer-to-peer (P2P) applications have seen an enormous success, and re
tens of millions of users. A feature that significantly contributes to the s
anonymity. However, anonymity ...

Keywords: peer-to-peer network, polling protocol, reputation-based sy

39 Semantic caching of Web queries
Boris Chidlovskii, Uwe M. Borghoff
March 2000   **The VLDB Journal — The International Journal on Very**
Publisher: Springer-Verlag New York, Inc.
Full text available: Pdf (235.09 KB)   Additional Information: full citation, abs

Bibliometrics: Downloads (6 Weeks): 3,   Downloads (12 Months): 54,   Downloa

In meta-searchers accessing distributed Web-based information reposit
query processing requires an appropriate caching mechanism. Unfortun
based caching mechanisms ...

Keywords: Experiments, Query algorithms, Region containment, Sema

40 Validating a Web service security abstraction by typing
Andrew D. Gordon, Riccardo Pucella
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An XML web service is, to a first approximation, an RPC service in which
SOAP envelopes, and transported over HTTP. We consider the problem
SOAP-level, rather ...

Keywords: Web services, authentication, remote procedure call, type s

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